

Amendments to the Claims

Please amend Claims 1, 27, and 31. Please add new Claims 35 and 36. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1. (Currently amended) A luminaire, comprising:
 - a light source;
 - a light guide that receives light radiating from the light source; and
 - a prism array for redirecting the light in a first direction, wherein the prism array includes a cross-sectional profile that periodically alternates orientation along the light guide, the prism array including peaks and valleys, substantially all of the peaks being disposed in about a single plane.
2. (Previously presented) The luminaire of Claim 1 wherein the prism array includes linear prisms.
3. (Original) The luminaire of Claim 2 wherein the linear prisms have included angles of 25, 90, and 65 degrees.
4. (Previously presented) The luminaire of Claim 1 wherein the prism array includes peaks and valleys that form the cross-sectional profile that alternates along a first axis.
5. (Previously presented) The luminaire of Claim 4 wherein the prism array includes a second cross-sectional profile that alternates orientation along a second axis that is different than the first axis.
6. (Original) The luminaire of Claim 5 wherein the second axis is substantially perpendicular to the first axis.

7. (Original) The luminaire of Claim 5 wherein the second axis is offset about 60 degrees relative to the first axis.
8. (Previously presented) The luminaire of Claim 5 wherein the prism array includes a third cross-sectional profile that alternates orientation along a third axis that is different than the second axis and the first axis.
9. (Original) The luminaire of Claim 8 wherein the third axis is offset about 60 degrees relative to the second axis.
10. (Original) The luminaire of Claim 1 wherein the light guide is substantially solid.
11. (Original) The luminaire of Claim 10 wherein the light guide includes polymethyl methacrylate.
12. (Previously presented) The luminaire of Claim 1 wherein the prism array is disposed on a top surface of the light guide.
13. (Withdrawn) The luminaire of Claim 1 further comprising a reflective surface below the light surface for redirecting light into the light guide.
14. (Withdrawn) The luminaire of Claim 1 further comprising a reflective surface adjacent at least one end of the light guide for redirecting light toward the light guide.
15. (Withdrawn) The luminaire of Claim 1 further comprising a baffle for scattering light into the light guide.
16. (Previously presented) The luminaire of Claim 1 wherein the prism array includes prism facets having more than one plane on at least one facet.

17. (Previously presented) The luminaire of Claim 1 wherein the prism array includes curved prism tips.
18. (Previously presented) The luminaire of Claim 1 wherein the prism array includes curved valleys.
19. (Withdrawn) An optical microstructure comprising a plurality of tilted prism arrays that periodically alternate orientation of the tilted prism arrays along a first axis.
20. (Withdrawn) The optical microstructure of Claim 19 wherein the prism arrays periodically alternate orientation of the tilted prism arrays along a second axis.
21. (Withdrawn) The optical microstructure of Claim 19 wherein the prism arrays periodically alternate orientation of the tilted prism arrays along a third axis.
22. (Withdrawn) The optical microstructure of Claim 19 wherein the optical microstructure is disposed on first surface of a film, further comprising a plurality of prism arrays on a second surface of the film.
23. (Withdrawn) The optical microstructure of Claim 22 wherein the plurality of prism arrays on the second surface are tilted and periodically alternate orientation along at least one axis.
24. (Withdrawn) The luminaire of Claim 19 wherein the prism arrays include prism facets having more than one plane on at least one facet.
25. (Withdrawn) The luminaire of Claim 19 wherein the prism arrays include curved prism tips.
26. (Withdrawn) The luminaire of Claim 19 wherein the prism arrays include curved valleys.

27. (Currently amended) A luminaire comprising:
 - a light source;
 - a light guide that receives light radiating from the light source; and
 - a tilted prism array for redirecting the light exiting the light guide, the prism array including a cross-sectional profile that periodically alternates orientation along a first axis, the prism array including peaks and valleys, substantially all of the peaks being disposed in about a single plane.
28. (Previously presented) The luminaire of Claim 27 wherein the prism array includes a second cross-sectional profile that periodically alternates orientation along a second axis.
29. (Previously presented) The luminaire of Claim 28 wherein the prism array includes a third cross-sectional profile that periodically alternates orientation along a third axis.
30. (Previously presented) The luminaire of Claim 27 wherein the prism array is disposed on a top surface of the light guide.
31. (Currently amended) A method for redirecting light comprising:
 - providing a light source;
 - receiving light radiating from the light source in a light guide; and
 - redirecting the light in a first direction with a tilted prism array that includes a cross-sectional profile that periodically alternates orientation along a first axis, the prism array including peaks and valleys, substantially all of the peaks being disposed in about a single plane.
32. (Previously presented) The method of Claim 31 wherein the prism array includes a second cross-sectional profile that alternates orientation along a second axis that is different than the first axis.

33. (Previously presented) The method of Claim 32 wherein the prism array includes a third cross-sectional profile that alternates orientation along a third axis that is different than the second axis and the first axis.
34. (Withdrawn) The method of Claim 31 further comprising the step of redirecting the light radiating from the light source toward the plurality of tilted prism arrays.
35. (New) A luminaire, comprising:
 - a light source;
 - a light guide that receives light radiating from the light source; and
 - a prism array for redirecting light, the prism including a first group including a plurality of prisms tilted in a first direction and a second group including a plurality of prisms tilted in a second direction, the first and second groups being disposed along the light guide in an alternating fashion.
36. (New) The luminaire of Claim 1, wherein substantially all of the valleys are disposed in about a second single plane.